



# Neighborhood Traffic Calming Plan

**PROJECT PRIORITIZATION AND SELECTION**

**OPEN HOUSE**

**2/16/2023, 2/21/2023, 2/23/2023**

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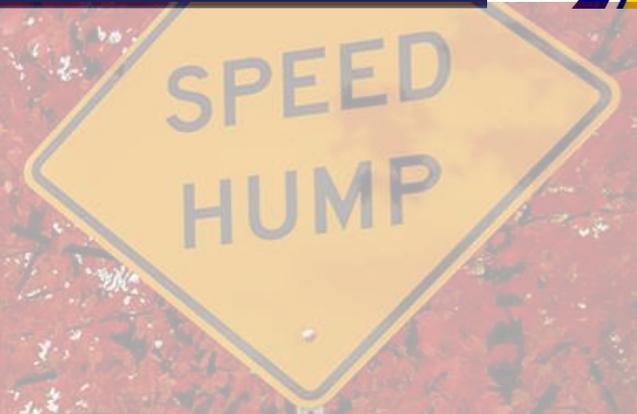
# Traffic Calming in South Bend

- Speeding issues are the most common requests received by Engineering
- Per the Federal Highway Administration, several measures are available to Engineers to address speeding issues. Some include:
  - Speed Humps
  - Street Narrowing
  - Chicanes
  - Traffic Circles
  - Radar Speed Signs
- South Bend traffic request backlog
  - 300+ unique traffic calming requests to date



# Traffic Calming Actions

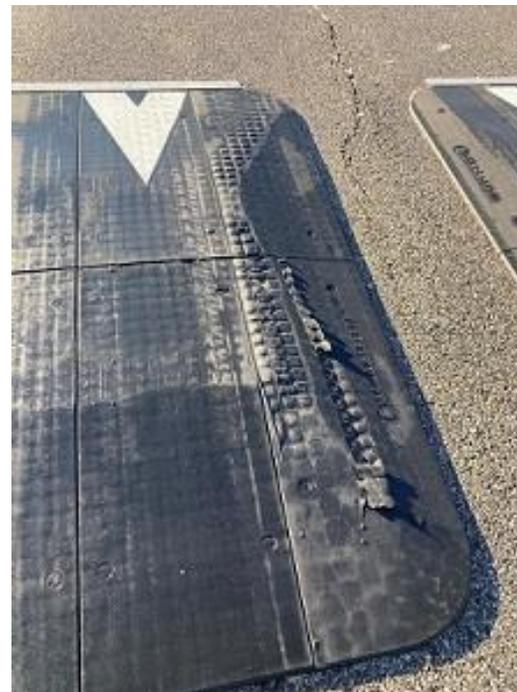
- Since 2015, the City has implemented a select number of traffic calming measures in neighborhoods
- Based on available funding, we have installed speed humps, radar speed signs and speed limit signs.
- Conducted pilot projects, tested new materials





# Rubber Speed Hump Pilot

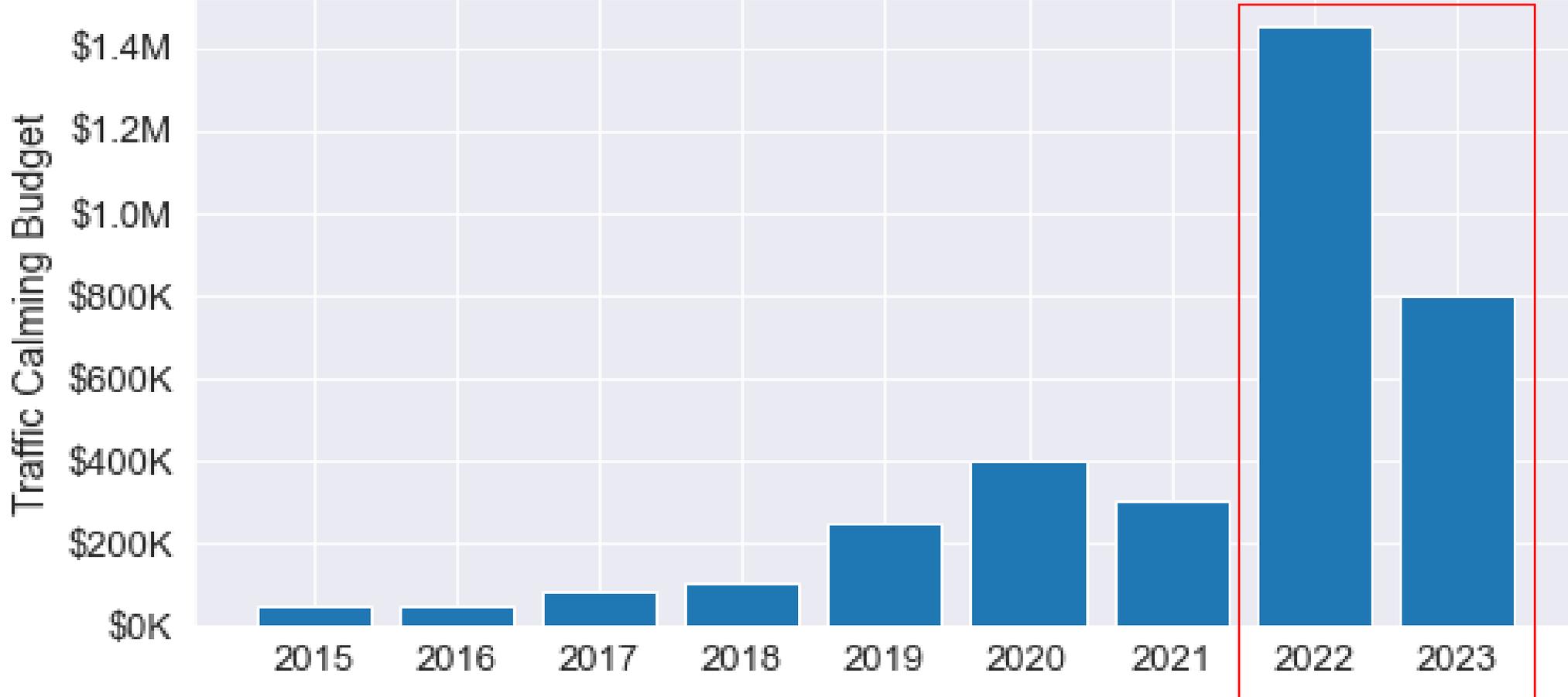
- 12 rubber speed humps installed in November 2022 to test for winter durability
- Some speed humps damaged during winter
- New snowplow lip resulted in less damage
- Current price to supply and install is similar to concrete speed humps





# Traffic Calming Budget Changes

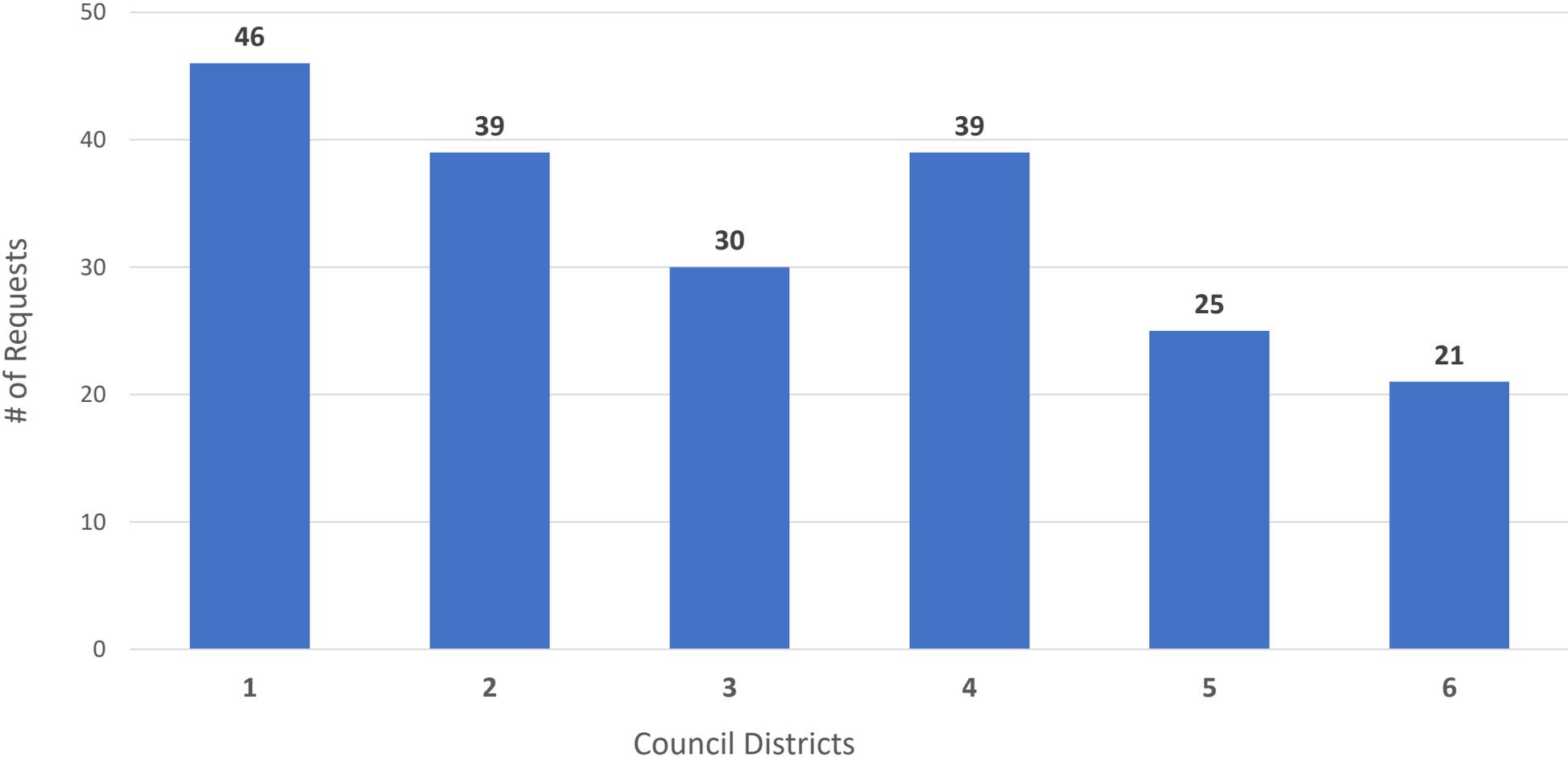
Annual Traffic Calming Budget (2015-2023)





# Traffic Calming Request Summary

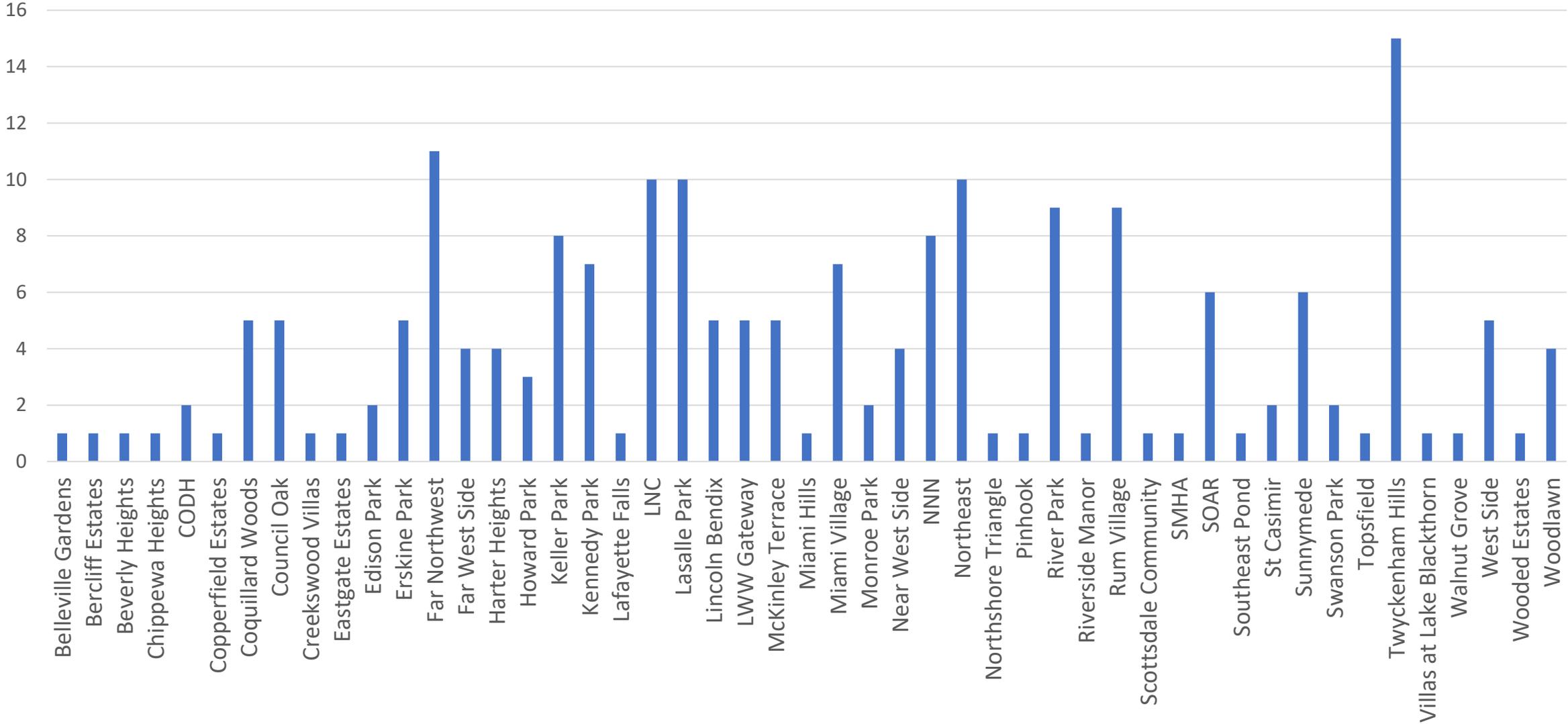
## 2018-2021





# Unique Requests by Neighborhood

## 2018-2021



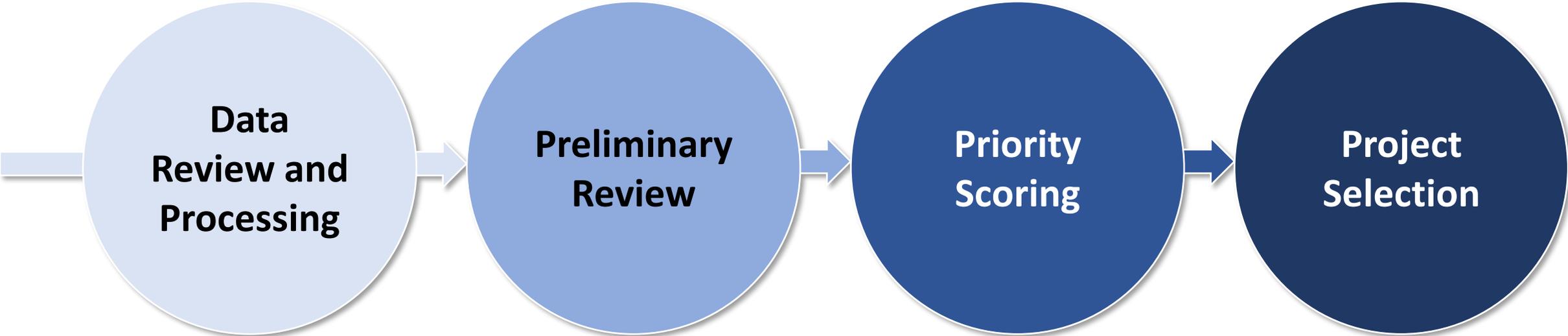


# Comprehensive Approach

- Due to the large number of requests from around the city, Engineering is taking a comprehensive look at Traffic Calming
- Additional funding approved by Mayor and Council supports citywide approach
- Comprehensive approach is data driven



# Process Overview





# Process Overview

- 236 traffic calming requests (2018-2021)\*
- 37 requests did not qualify
  - Major roadways
  - Over 5,000 vehicles per day
  - Speed data below speed limit
- 199 streets scored

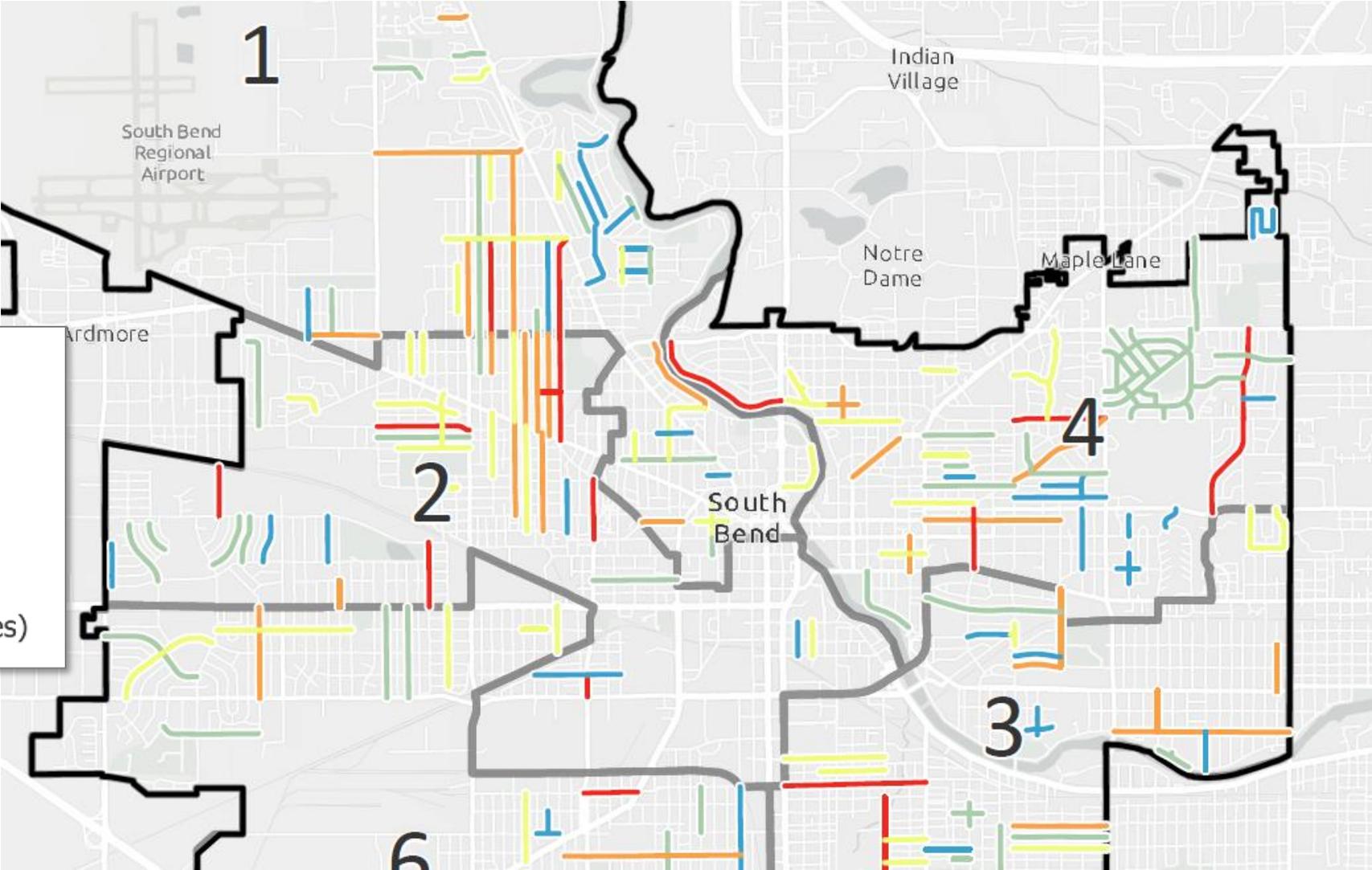
\* Does not include more than 80 new requests in 2022



# Priority Scoring

**Priority Score**

- 10 or Less (Lowest Scores)
- 11 - 25
- 26 - 50
- 51 - 100
- 101 or Greater (Highest Scores)





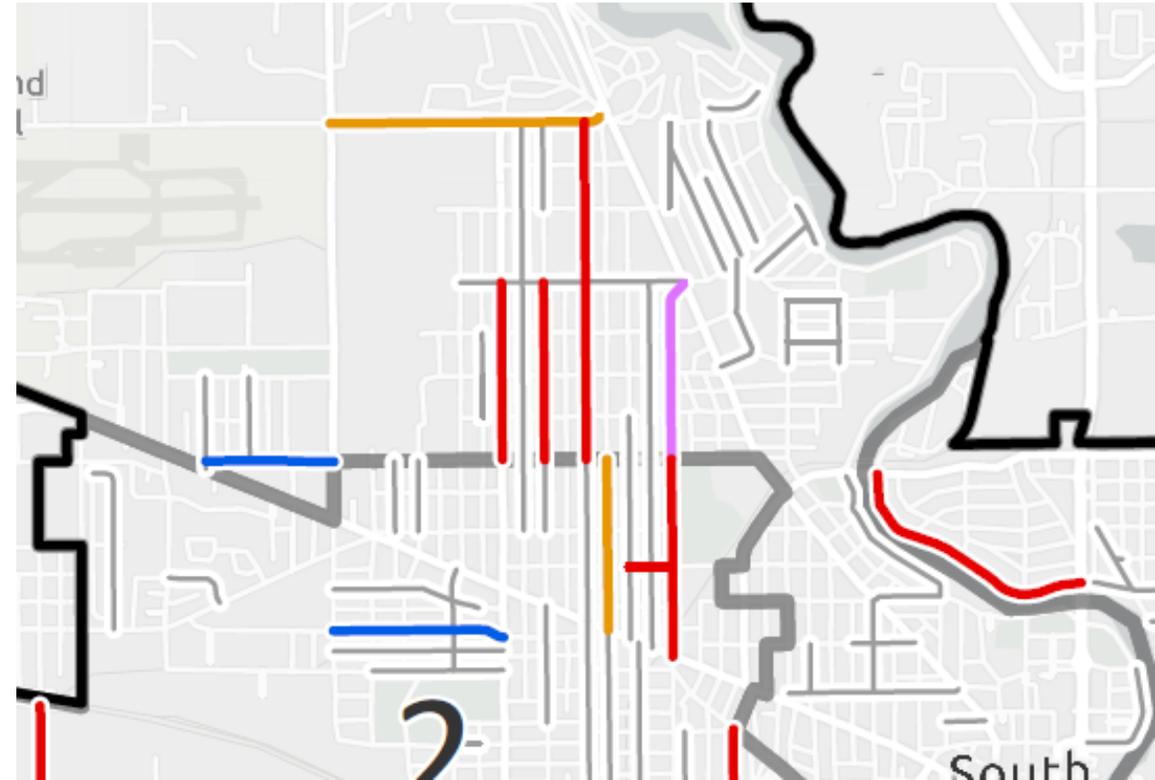
# Project Selection

- 42 neighborhood streets in 2023
  - Approximately \$2 million estimated construction costs
  - 19 miles of project corridors
- Remaining neighborhood streets to be part of future assessment



# Three Project Types/Categories:

- **Group 1 – High Priority Projects (~60%)**
  - Highest-scoring projects in each District
- **Group 2 - Supporting Projects (~20%)**
  - Projects that support high priority projects
- **Group 3 - Flex Projects (~20%)**
  - Projects selected by staff to address geographic distribution





# Next Steps

- Public feedback
  - Three open houses: February 16, 21, 23
- Develop construction bid packages and bid project
  - March & April (2023)
- Construction of traffic calming elements
  - May – November (2023)



# Today's Meeting

- Open house format to receive feedback from residents
  - Proceed to Council District maps; includes map of draft projects
  - Engage with Engineering staff
- Fill out Traffic Request Form if you have a new speeding concern
- Email traffic related concerns to:  
**[trafficrequest@southbendin.gov](mailto:trafficrequest@southbendin.gov)**



# Process Overview

## Data Review and Processing

### Preliminary Review:

Lane Width	5 pts/ft if over 9 ft
Bike Lanes	None: 10 pts Bike Lanes: 5 pts Protected Bike Lanes: 0 pts
Sidewalks	None: 10 pts One-side: 5 pts Both sides: 0 pts
Traffic Control Devices	None: 5 pts Stop Sign or Traffic Signal: 0 pts Speed Humps or other Traffic Calming: -10 pts
School Zone	Yes: 10 pts No: 0 pts
Crashes	5 pts/crash
Pedestrian Generators	5 pts/pedestrian generator
Daily Traffic	Local Street: 1 pt/100 vehicles Collector Street: 1 pt/300 vehicles



# Process Overview

## Data Review and Processing

### Priority Scoring:

<b>Preliminary Score</b>	Top 25 Scores: 20 pts Top 50 Scores: 15 pts Top 75 Scores: 10 pts Top 100 Scores: 5 pts Rest: 0 pts
<b>Daily Traffic</b>	Local: 1 pt for every 100 vehicles over 500 vpd Collector: 1 pt for every 500 vehicles over 1,000 vpd
<b>Speed Data</b>	Local: 5 pts for every 1 MPH over 30 MPH Collector: 5 pts for every 1 MPH over speed limit
<b>Crashes</b>	1 crash/mile: 3 pts Adjusted with length of segment, rate of fatalities and injuries
<b>Sidewalk</b>	No sidewalk: 20 pts Sidewalk (not continuous): 15 pts Sidewalk (one-side): 10 pts Sidewalk (both sides): 0 pts Shared use path: 0 pts
<b>Pedestrian Generators</b>	Pedestrian Generator: 5 pts Adjusted with length of segment
<b>Number of Requests</b>	Multiplier of Total Score 1 request: Total Score x1 2-5 request: Total Score x1.25 6-10 request: Total Score x1.5 11+ request: Total Score x2